

R E M A R K S

Careful review and examination of the subject application are noted and appreciated.

Applicant thanks Examiner Huisman for the indication of allowable matter in claims 8, 9 and 17.

SUPPORT FOR THE CLAIM AMENDMENTS

Dependent claims 5 and 17 have been moved into independent claim 1. Independent claims 10 and 15 have been amended to contain language similar to independent claim 1. The two-element claim 4 has been divided into two single-element claims 4 and 21. Thus, no new matter has been added.

OBJECTION TO THE DRAWINGS

The objection to the drawings under 37 CFR 1.83(a) due to the features of claim 19 is respectfully traversed and should be withdrawn.

Claim 19 provides a step for transferring a plurality of register states from a first memory to a second memory. Transferring of the register states is generally illustrated in FIG. 2 by the transfer of the register states in the signal REG_STATES from the stack register 105 to status circuit 118. The first memory is generally illustrated in FIGS. 1 and 2 as a stack register 105. The second memory is generally illustrated in FIG. 5 as a RAM (random access memory) 158 within the status circuit

118. As such, the features of claim 19 are illustrated in the drawings and the objection should be withdrawn.

OBJECTION TO THE CLAIMS

The objection to claim 15 for informalities has been obviated by appropriate amendment and should be withdrawn.

CLAIM REJECTIONS UNDER 35 U.S.C. §112

The rejection of claim 19 under 35 U.S.C. §112, first paragraph enablement has been obviated by appropriate amendment and should be withdrawn.

The rejection of claim 15 under 35 U.S.C. §112, second paragraph indefinite has been obviated by appropriate amendment and should be withdrawn.

CLAIM REJECTIONS UNDER 35 U.S.C. §102

The rejection of claims 1-3, 5-7, 10, 11, 13-16, 18 and 20 under 35 U.S.C. §102(b) as being anticipated by Watson '132 has been obviated by appropriate amendment and should be withdrawn.

The allowable matter of claim 17 and intermediate claim 5 has been incorporated into claim 1. In particular, the control circuit element (iii) presenting the segment address signal has been replaced by the status circuit of claim 5 and the logic gates of claim 17 that together present the segment address signal.

Claims 10 and 15 have been amended to contain language similar to claim 1. The following similarities currently exist:

<u>Claim 1</u>	<u>Claim 10</u>	<u>Claim 15</u>
register stack (i)	step (F)	register stack means(i)
register stack (ii)	step (G)	register stack means(ii)
control circuit (i)	step (B)	means for storing the register states
control circuit(ii)	step (C)	means for storing the segment count
cntr cir/status circuit	step (D)	means for presenting the gating signal
cntr cir/logic gates	step (E)	means for presenting the segment address
stack register	step (A)	means for presenting the register states

As such, the claimed invention is fully patentable over the cited reference and the rejection should be withdrawn.

CLAIM REJECTIONS UNDER 35 U.S.C. §103

The rejection of claim 4 under 35 U.S.C. §103(a) as being unpatentable over Watson in view of Gutttag '042 has been obviated by appropriate amendment and should be withdrawn.

The rejection of claim 12 under 35 U.S.C. §103(a) as being unpatentable over Watson in view of Official Notice that reset handlers are well known and accepted in the art has been obviated by appropriate amendment and should be withdrawn.

The dependent claims 4 and 12 depend from claims 1 and 10, respectively, which are now believed to be allowable. As such, claims 4 and 12 are fully patentable over the cited references and the rejections should be withdrawn.

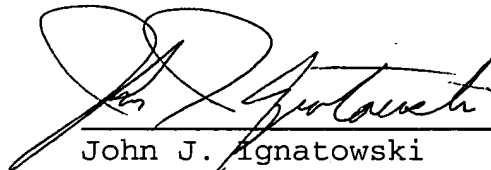
Accordingly, the present application is in condition for allowance. Early and favorable action by the Examiner is respectfully solicited.

The Examiner is respectfully invited to call the Applicant's representative at 586-498-0670 should it be deemed beneficial to further advance prosecution of the application.

If any additional fees are due, please charge Deposit Account No. 12-2252.

Respectfully submitted,

CHRISTOPHER P. MAIORANA, P.C.

A handwritten signature in dark ink, appearing to read "John J. Ignatowski", is written over a horizontal line.

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